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Date: June 15, 2004

June M. Keating

PATENT  
50626.54

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  Mohan KIRLOSKAR et al.  Serial No.: 10/647,696  Filing Date: August 25, 2003  For: IMPROVED BALL GRID ARRAY PACKAGE AND PROCESS FOR MANUFACTURING SAME	Art Unit: 2813  Examiner: Unknown
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COMMENTARY RE INFORMATION DISCLOSURE STATEMENT

**Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Dear Sir:

In accordance with 37 CFR §1.56, and in recognition of their duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicants herewith submit a copy of the prior art listed on the attached Information Disclosure Statement (Form PTO-1449). Applicants have not enclosed copies of the U.S. Patents since this is no longer required. The relevance of the German reference DE 100 15 962 is set forth in the full English translation thereof. The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

June 15, 2004

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Applicants respectfully request that the disclosed reference be made of record in the subject application.

Respectfully submitted,

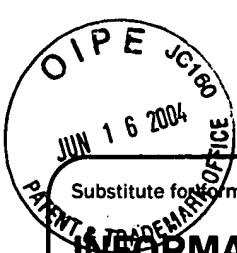


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Substitute for Form 1449/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
Sheet	1	of	1
		Application Number	10/647,696
		Filing Date	August 25, 2003
		First Named Inventor	Mohan KIRLOSKAR
		Art Unit	2813
		Examiner Name	
		Attorney Docket Number	50626.54

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

<b>Examiner Signature</b>		<b>Date Considered</b>	
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\*Examiner: Initial If reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

<sup>1</sup> Applicant unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document by the two-letter code (WIPO Strandard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbol as indicated on the

reign of the Emperor must precede the serial number of the patent document.<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.<sup>6</sup> Applicant is to place a check mark here if English language Abstract is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.